

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 34 (8/16/2020 – 8/22/2020)

COCONINO COUNTY  
*August 28, 2020*



# Operations Update


MMWR Week 34 (8/16/2020-8/22/2020)

**A total of 3,138 confirmed COVID-19 cases have been reported among Coconino County residents through week 34.**

**Deaths: 123** (4% of cases)      **Probable Cases: 63**      **Probable Deaths: 6**


**Recovered Cases: 2,661**      (85% of cases)

**Hospitalizations: 587**      (19% of cases)


 **Specimen Collection:** Coconino County response team sites have collected a total of **13,310** specimens.

**Fort Tuthill: 11,124**      **CCHHS: 1,308**      **CCC: 212**

**Fredonia: 41**      **Grand Canyon: 78**      **Williams: 108**      **Other: 439**

 **Investigations:** The investigations team is interviewing Coconino County Residents that test positive for COVID-19.

- **Investigations completed: 1,586**

 **Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 67 (As of 8/22/2020)**
- **Total individuals monitored to date: 1,771**

## Community Transmission

- Coconino County has a current **incidence rate** of **38 per 100,000**, **percent positivity** of **3%**, and **COVID-19-Like-Illness incidence (CLI)** of **4.0%\***.
- Coconino County is currently at a **moderate** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	≥10%
COVID-19-Like-Illness	<5%	5-10%	>10%

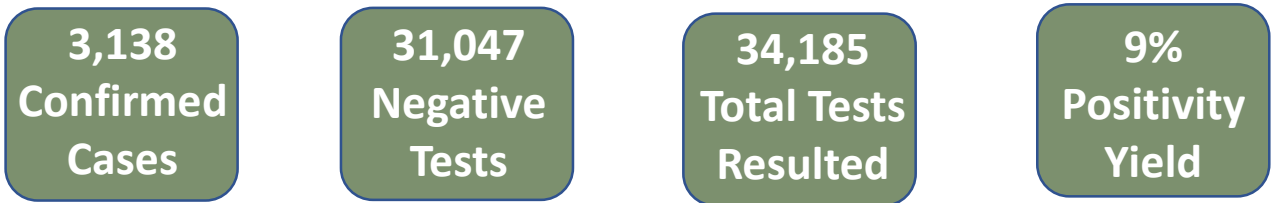
\*Incidence rate and percent positivity data are from week 34 (CLI data from week 33 due to reporting lag)

# COVID-19 Situation Summary

## Cases Reported Week 34 (August 16 - August 22, 2020):

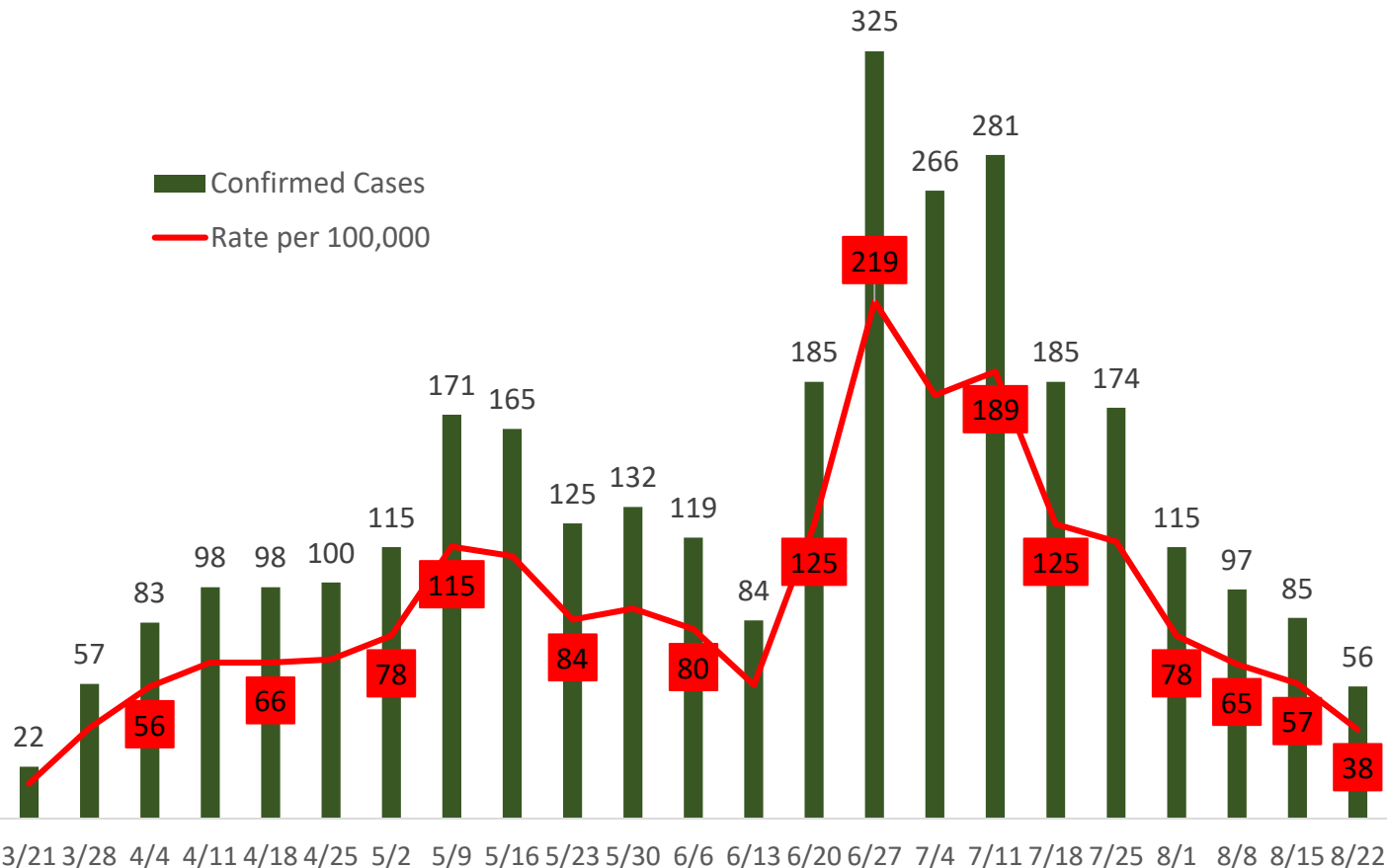


## Cumulative Counts (March 15, 2020- August 22, 2020):



2,114.9 cases per 100,000 Coconino County Residents  
vs.  
2,784.0 cases per 100,000 Arizona Residents

## Weekly Case Counts Among Coconino County Residents:



## Age:

Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	438	4,571	10%	10,587	1,014.4
20-44 years	1,606	16,035	10%	29,690	2,973.6
45-54 years	408	4,486	9%	28,794	2,618.8
55-64 years	365	4,491	8%	26,551	2,157.9
65+ years	321	4,582	7%	24,904	1,744.7

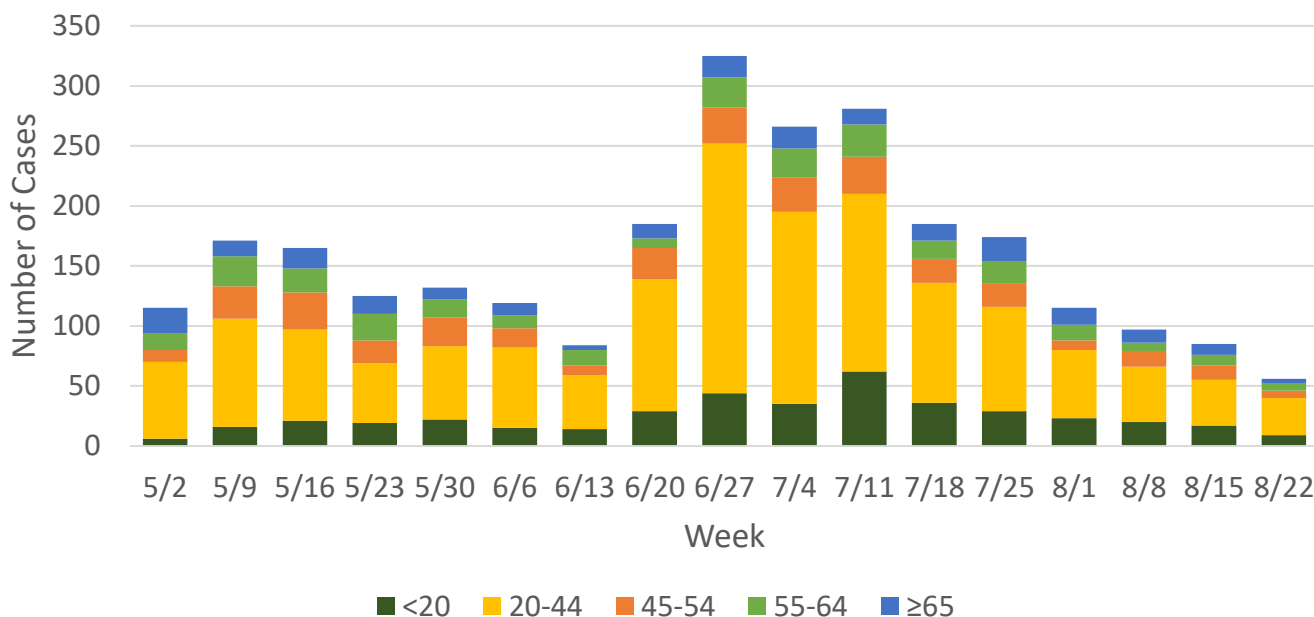
**The median age of Coconino County COVID-19 cases is 35 years old**



### Key Take Away

- The highest positivity yield (10%) was observed among residents aged <20 years and 20-44 years.
- The highest testing incidence was observed among residents aged 20-44 years (nearly 19% higher than that of 65+ years).
- The highest incidence of COVID-19 was among residents aged 20-44 years (nearly 70% higher than that of 65+ year-olds).

### Age of Confirmed Cases by Week



\*Cases reported from 3/15/20-8/22/20

# COVID-19 Situation Summary\*

## Location:

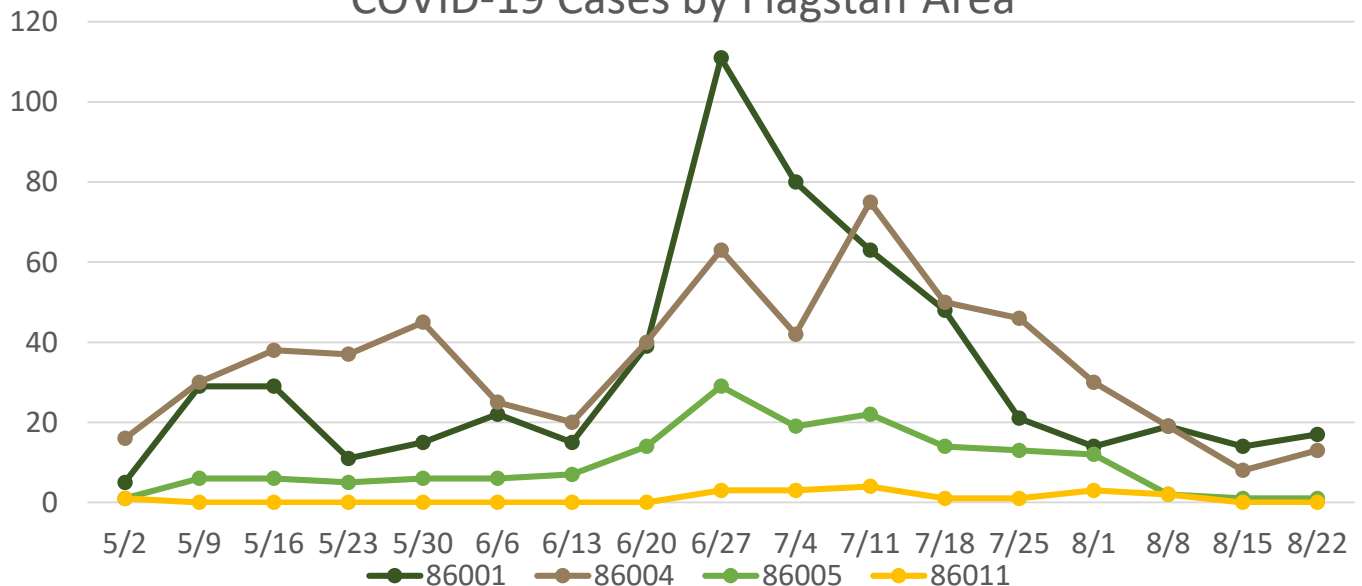
Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	1,410	22,249	6%	28,955	1,835.0
Page	288	2,575	11%	33,209	3,714.2
Tribal Communities	1,270	7,020	18%	27,019	4,888.0
Williams	67	994	7%	18,876	1,272.3
Grand Canyon	44	391	11%	15,734	1,770.6
Other Areas	59	968	6%	3,221	196.3



## Key Take Away

- The highest positivity yield and COVID-19 incidence was seen among tribal communities.
- The COVID-19 incidence rate in tribal communities was 2.7 times higher than the incidence rate observed in Flagstaff.
- The COVID-19 incidence rate in Page was 2 times higher than the incidence rate observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

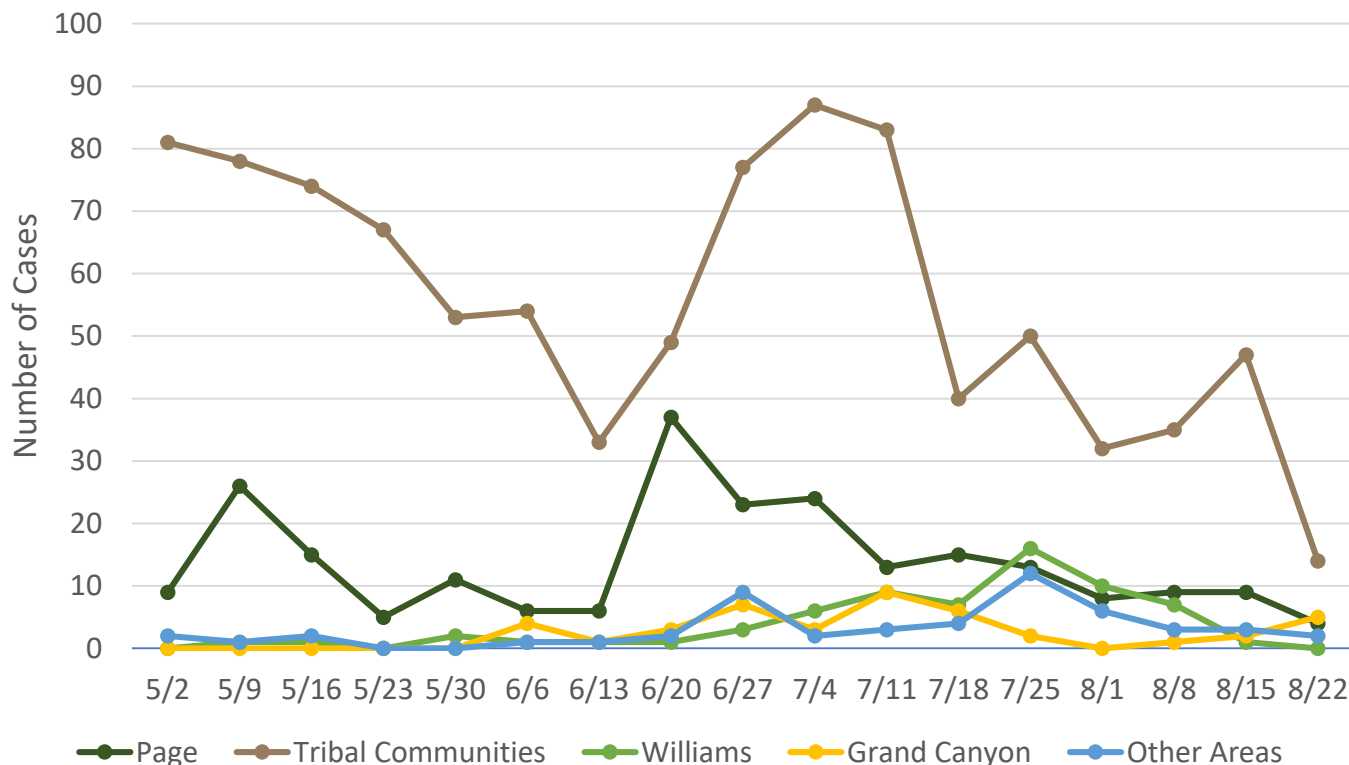


\*Cases reported from 3/15/20-8/22/20

# COVID-19 Situation Summary\*

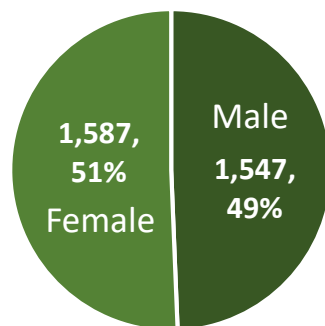
## Location:

### COVID-19 Cases by Geographic Area



## Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Male	1,547	15,516	10%	2,119.1
Female	1,587	18,520	9%	2,105.5



### Key Take Away

- Although males have a higher incidence of COVID-19, females had 16% more tests than male residents.
- Male residents have a slightly higher testing positivity yield, as compared to female residents.

\*Cases reported from 3/15/20-8/22/20

# COVID-19 Situation Summary\*

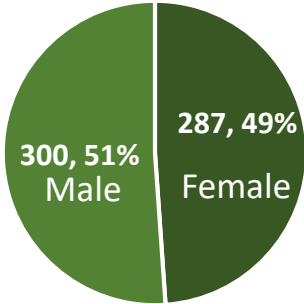
## Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of  
Cases  
19%

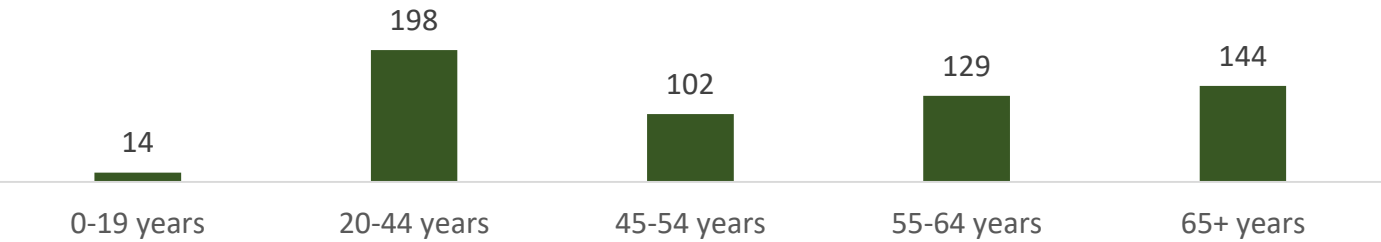
Hospitalized  
587

Hospitalizations  
Per 100,000  
395.6

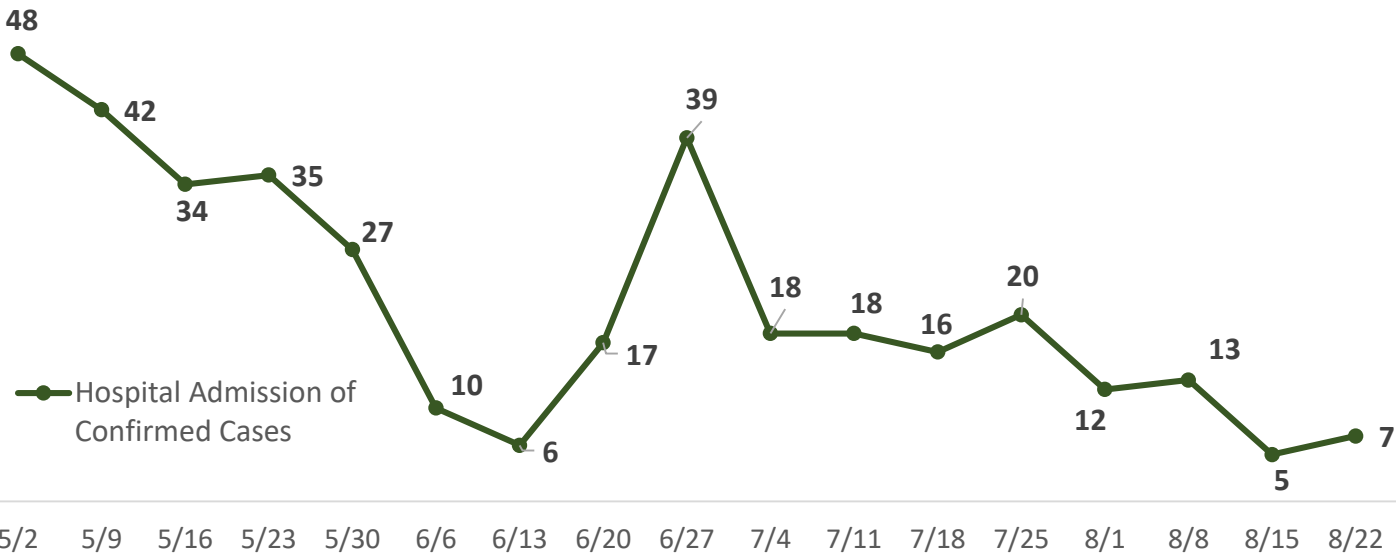


30% of hospitalized residents were in the ICU and 19% were intubated.

Hospitalized Coconino COVID-19 Patients by Age



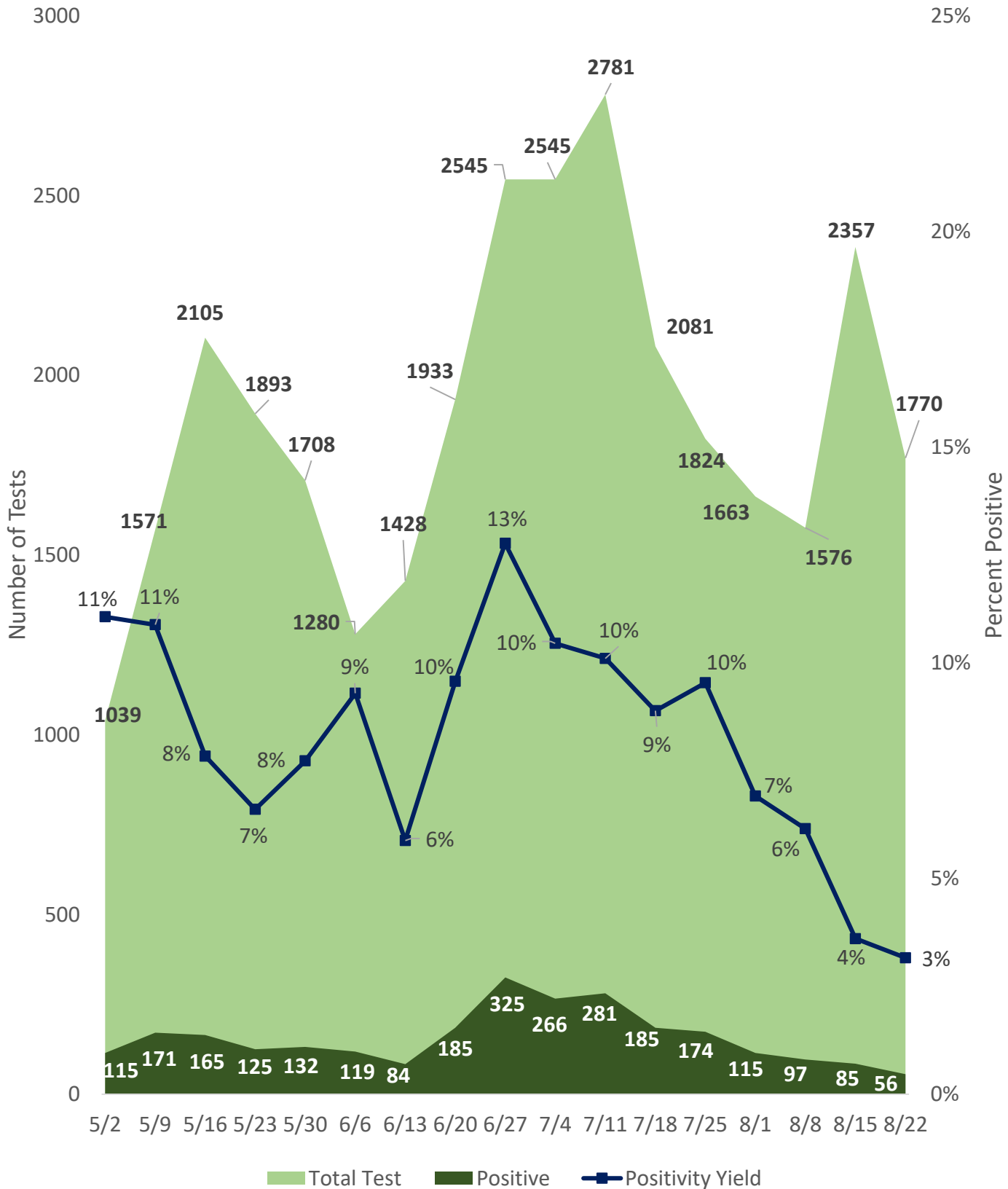
## Weekly Case Counts Among Coconino County Residents:



\*Cases reported from 3/15/20-8/22/20

# COVID-19 Situation Summary\*

## COVID-19 TESTING/POSITIVITY RATE BY WEEK:



\*Cases reported from 3/15/20-8/22/20



# COVID-19 Situation Summary\*

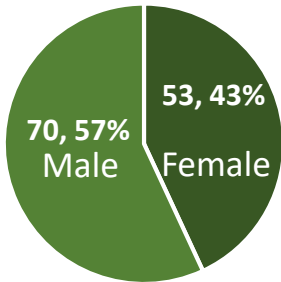
## COVID-19 Related Deaths:

Percentage of  
Cases  
4%

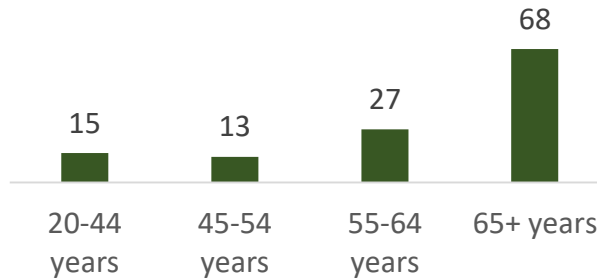
Deaths  
123

Fatalities  
Per 100,000  
82.9

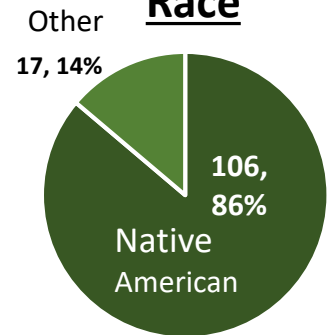
### Sex



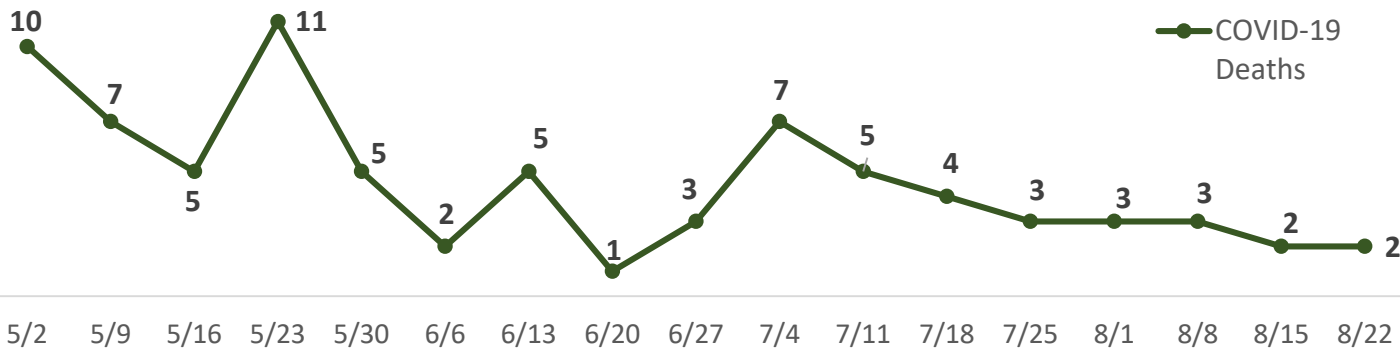
### Coconino COVID-19 Deaths by Age



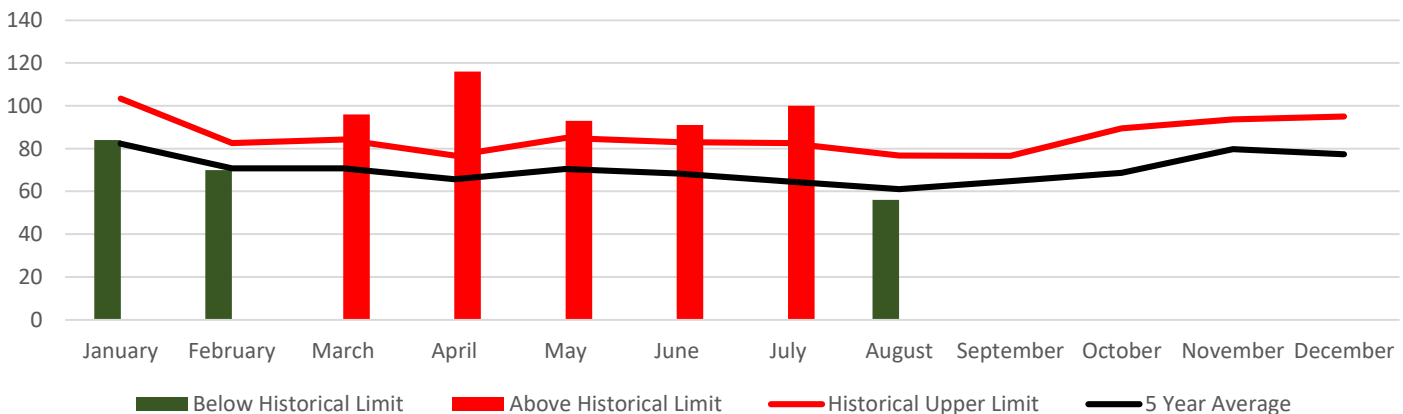
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2020 All Deaths Aberration



\*Cases reported from 3/15/20-8/22/20